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		C. subinsignifera	C. insignifera
Cali	Location	Wilgarup	Caversham
Characteristics	Water Temperature	7.0° C.	13.0° C.
	No. of Individuals	11 -	25
	Range	0.59-0.81	0.18-0.29
Call Duration	Mean	0.71	0.25
(in seconds)	Standard Deviation	0.07	0.03
	Standard Error of		
	Mean	0.02	0.01
	No. of Individuals	11 -	25
Call Modulation	Range	106-173	164-311
Frequency	Mean	140	240
(in eyeles per	Standard Deviation	23	30
second)	Standard Error of		
J	Mean	7	6
Call Repetition	No. of Individuals	7	28
Rate	Range	38.4-53.2	7.5-12.4
(Time in see-	Mean	47.1	10.1
onds for ten	Standard Deviation	5.5	1.1
successive calls	Standard Error of		
to be made)	Mean	2.1	0.2

TABLE	1ANALYSIS	OF CALL	SAMPLES
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A NEW BURROWING FROG FROM WESTERN AUSTRALIA

By A. R. MAIN, Zoology Department, University, W.A.

Field eollections from the Wheatbelt and inner pastoral areas have yielded a number of specimens of an undescribed species of frog belonging to the genus Neobatrachus Peters, a genus now revived to include species related to N. pictus Peters which have hitherto been included within the genus Heleioporus Gray.

Calling males of the new species were found with N. centralis (Parker), N. wilsmorei (Parker) and N. pelobatoides (Werner) at Morawa in 1953. A breeding congress of the new species and centralis was observed at Queen Vietoria Spring in January 1955 (Slater and Lindgren, W. Austr. Nat., 5:17). Breeding eongresses have also been observed at Ebano Creek (Mingenew/Morawa Road) and at Gnoolowa Hill (18 miles north of Mingenew). Speeimens have also been collected from a number of localities in the Wheatbelt. Where the new form oeeurs sympatrically with other species of the genus mating is exclusively intra-specific; no inter-specific clasping or morphological intergrades have been seen. It is therefore coneluded that the new form represents a distinct biological entity which should be recognised as a valid taxonomic species and is deseribed below as

Neobatrachus sutor sp. nov.

Type specimen: Holotype, \checkmark no. 22/57 in the Zoology Department collection collected March 18, 1957, from a breeding congress. Altotype \textdegree no. 21/57 as for holotype.

Type Locality: Gnoolowa Hill, 18 miles north of Mingenew.

Description: Head broad, high, snout rounded, tympanum indistinct, fingers well developed, toes webbed to tip, outer shorter than third, large metatarsal tuberele edged in black. Tongue broadly oval, truncated and notehed behind. Vomerine teeth prominent, short slightly oblique row between the ehoanae.

Dorsum smooth, bright yellow, with insular or irregular dark brown markings. Laeks the striping of N. wilsmorei, and the minute dorsal spieules of centralis, both of which species are larger than sutor. N. pelobatoides is about the same size but has a wider flatter head and a very warty skin.

Male with diffuse nuptial pad on upper surface of first and second fingers.

Length: Snout to eloaea, range, \circ , 3.50-4.07 em., mean 3.72 em. (S.D. \pm 0.158) (18 specimens); \circ , 3.36-4.20 em., mean 3.88 em.

Call: Short repetitive tapping. Because of the eall this frog has been known by children in the north-eastern Wheatbelt as "The Shoemaker Frog" (Miss J. Arnold, pers. comm.) whence the specific name. Breeds only after warm summer rains.

Range: Outer Wheatbelt and inner pastoral areas from the Murchison River to cast of Kalgoorlie.

FROM FIELD AND STUDY

Diamond Dove at Lower Chittering.—To the records of recent occurrences of the Diamond Dove (*Geopelia euneata*) in the southern part of the State (see W.A. Nat., vol. 5, pp. 14, 96, 104 and 142) I have to add one from Lower Chittering. On February 7 and 8, 1957, and again on March 13, I saw a small dove, with white spots on the wing, on my property. It kept to the ground near the house and on the back lawn. I have never seen the species in this locality before.

-ERIC SCHMIDT, "Marbling," Lower Chittering.

Shrike-Tit at Narpunup.—A group of Western Shrike-Tits (Faleuneulus frontatus) was observed in a stand of eucalypts adjacent to the Albany Highway at Narpunup (11 miles north of Mount Barker) on May 22, 1955. Attention was drawn to their presence by their insistent and excited ealling. Investigation revealed a pair engaged in rapid pursuit-and-evasion display through the treetops, interspersed with vigorous calling as the birds briefly perched. The behaviour was similar to the courtship display of the Rufous Whistler (Pachycephala rufiventris) though without the pronounced sce-saw movements. Only two birds were seen, but the quantity of song indicated the presence of more hirds obscured in the foliage of adjacent trees.

-L. E. SEDGWICK, Sublaco.